State=. iii power generation at the time of independence- is at present having the lowest per capita consumption of power if not. the reasons therefor;

(b) whether the unit at Farakka which would supply power to Bihar has been constructed; and

(c) what are the reasons on account of which Koyal Karo Hydel Proejjct and Tenughat Project have not yet started whereas in the last ten years the generating capacity of DVc has increased by 400 without giving a share to Bihar?

THE MINISTER OF ENERGY I SHRI VASANT SATHE); (a) The per capita consumption of power depends upon availability of power, the extent of electrification in urban and rural areas, the extent of industrialisation of the area, energisation of pumpsets and the level of economic well being of the people. The power availability in Bihar has not increased sufficiently due to delay in commissioning of new generating capacity and unsatisfactory performance of thermal power stations at Barauni and Patratu.

(b) First unit at Farakka has been synchronised in January, 1986. The commercial operation of the "nit is expected by end of March, 1986.

(c) The work on Koel Karo Project has not commenced due to resistance from the local people to the acquisition of land required for the project and their demand of land for land. Some of the affected land owners have also filed a Writ Petition before the Supreme Court and the matter is sub-judice. The work at Tenughat Project has been affected

:count of problems in acquisition of land, paucity of funds and delay in finalisation of terms and conditions by Bihar State Electricity Board to award the work to BHEL on turn-key basis.

During the last 10 years the dra-wal of electrical energy by Bihar from DVC has increased by 65 per cent from 918 nuTion units in lL'75-7& to 1515 million units in 1934-85 whereas DVC's installed capacity increased by only 27 per cent from 1219 MW in 1975-76 to 1549 MW in 1984-83.

Use of Helicopters

2079. SHRI BIR BHADRA PRATAP . SINGH: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state;

(a) whether it is a fact that helicopters are being used by various oil and gas exploring and supply agencies in the country to streamline their operations;

(b) if so, what are the various types -of helicopters being vised by various undertakings of th_e Petroleum Department including details of their owners seating capacity and charter rates;

(c) what are the estimates of heli copter requirements of the above undertakings for the next four years and details of the arrangemen'
ing made for their procurement; and

(d) how many helicopters of total seating capacity of 4 to 9 people are likely to b_e used by the above under takings during the next four year? and the details thereof?

THE MINISTER OF STATE OF THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI CHANDRA SHEKHAR SINGH): (a) Yes, Sir.

(b)' to (d) Information is being collected and will be laid on the Table of the House.

Power projects in Orissa

2080. SHRI JAGADISH JANI; Will the Minister of ENERGY be pleased to state;

(a) the present installed capacity of the power projects in the State of Orissa;

(b) the total MW of power which . can be generated on completion of the on-going power projects *In* the State; and

(c) by when those on-,going power projects are expected to be completed?

THE' f«fTISTER OF ENERGY (SHRI VASANT SATHE); (a) The present installed capacity of pnwer Kt^tions in Oi'issa is about 1150 MW excluding Oris^a's share in Machkund hydel station located in Andhra Pradesh.

(b) and (c) Benefits expected from the ongoing/sanctioned projects and the present anticipated completion schedule of these projects is indicated in the Annexure attached. [5ee Appendix CXXXVII Annexure No. 281

Curtailing coal productiou

20ai. SHRI SURESH PACHOURI: Will the Minister of ENERGY be pleased to state;

(a) whether the coal department has scaled down the current year production target by 3.5 million tonnes:

(b) if so, the main reasons for the same;

(c) is it also a fact that the Coal companies will now end the cuvret\t financial year with a production of 154.5 million tonnes against the tar geted production of 158 million ton-r,cs; and

(d) '" .....what are the main rea sons ' such decision?

THE MINISTER OF ENERGY (.SHRI VASANT SATHE); (a) to (d) Since the pithead stocks of coal rose to an abnormally high figure of 30.40 million tonnes on 31-3-1985 and the coal, stocks were catching fire on ;i. count of spontaneous combustion at a n(.miber of places, the target of coal production lor the year 1985-86 was reviewed and reduced from 158.50 .million tonnes to 154.50 million tonnes.

I Conversion of Municipal waste into electricity

2082. SHRI SURESH PACHOURI: , Will the Minister of ENERGY be I pleased to state;

(a) whether it is a fact that pilot projects for conversion of Municipal wastage into electricity have been launched in various parts of the country;

(b) if so, what are the mam features thereof;

(c) what are the schemes likely to be undertaken in this regard; and

(d) to what extent electricity will be obtained by this process?

THE MINISTER OF ENERGY (SHRI VASANT SATHE): (a) Yes, Sir, at present a pilot project for conversion of municipal wastage into electricity is under construction in Delhi.

(b) and (d) A Garbage Incinera-tion-cum-Power Generation Plant is" under installation at Timarpur, Delhi. The Plant will incinerate 300 MT of municipal solid waste per day and generate 3.745 MW power. *This* is an R&D pilot project being the tirst of its kind for extraction of energy from relatively low calorific value garbage available in the country. In addition, electricity has started being generated from a project to utilise landfill gas from a waste landfiil at Timarpur, 35 KW is already being generated and it is proposed to pro-gressively increase this capacity to 5 MW.

(c), Based on the satisfactory per formance of the above plants, suit E:b]e sites in other major cities will be identified for similar projects de pending on the availability of the garbage of required calofihc value and landfills.